

8-20-04

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Express Mail Cert. No. EV 367 775 329 US  
Attorney Docket No. 37861-277592  
Application No. 10/630,351

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : GORDON, Andrew W. et al.  
Application No. : 10/630,351  
Filing Date : July 30, 2003  
Title : Mobile Desalination Plants And Systems, And Methods For  
Producing Desalinated Water  
Examiner : Not Yet Assigned  
Art Unit : 1723

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Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicant submits herewith on Form-PTO SB/08a a listing of documents known to the Applicant and/or its attorneys. Applicant respectfully requests consideration of the cited documents and making the same of record in the prosecution of the above-identified application. In so doing, Applicant does not waive any rights to appropriate action to establish patentability over the listed documents should they be applied as references against the claims of the present application. For the International Search Report, Applicant has listed the mailing date shown on the document. A copy of that International Search Report is enclosed.

This Information Disclosure Statement ("IDS") is being submitted prior to the mailing of a first Office Action on the merits in this application. Accordingly, it is believed that no fees are due for consideration of this IDS. However, should any fees be due, the Commissioner is hereby

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authorized to charge any additional fees under 37 C.F.R. §1.16 or §1.17 which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 16-1435. A duplicate of this sheet is attached for that purpose.


It is respectfully requested that the references listed on the attached form be expressly considered by the Examiner and be made of record in the application and appear among "References Cited" on any patent to issue therefrom.

Applicant has listed the date that is shown on each document, and makes no representation as to the publication date of each document, if any.

Applicant has included a copy of a pamphlet obtained from a representative of Advanced Environmental Water Technologies, Inc. The pamphlet was obtained on May 15, 2003. Applicant makes no representation as to whether this pamphlet is or is not prior art under the Patent Act.

Respectfully submitted,

Date: August 19, 2004

  
Goran P. Stojkovich  
Registration No. 45,841

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## EXPRESS MAIL CERTIFICATE

"Express Mail" Label No. : EV 367 775 329 US

Serial No. : 10/630,351

Applicant(s) : GORDON, Andrew W. et al.

Filing Date : July 30, 2003

Title: : Mobile Desalination Plants and Systems, And Methods  
For Producing Desalinated Water

Examiner : Not Yet Assigned

Group Art Unit : 1723

Type of Document(s) : Express Mail Certificate;  
Transmittal Form;  
Information Disclosure Statement (*in duplicate*);  
PTO/SB/08a;  
5 Foreign Patents & 19 Articles; and  
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Carol McCabe (signature)  
Carol McCabe

*Date Mailed: August 19, 2004*



PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/630,351
	Filing Date	July 30, 2003
	First Named Inventor	GORDON, Andrew W. et al.
	Art Unit	1723
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	37861-277592

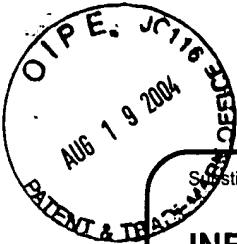
ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> <b>See Remarks Below</b>
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Goran P. Stojkovich, Reg. No. 45,841, Kilpatrick Stockton LLP
Signature	<i>Goran Stojkovich</i>
Date	August 19, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
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Serial No. 10/630,351

PTO/SB/08a (08-03)  
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

### Complete if Known

Application Number	10/630,351
Filing Date	7/30/2003
First Named Inventor	Gordon, et al.
Art Unit	1723
Examiner Name	Not yet assigned
Attorney Docket Number	37861/277592

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US - 3,456,802	07/22/1969	Cole	
		US - 3,632,505	01/04/1972	Nelson	
		US - 3,841,976	10/15/1974	Scott et al.	
		US - 4,134,732	01/16/1979	Jackson	
		US - 4,335,576	06/22/1982	Hopfe	
		US - 4,452,696	06/05/1984	Lopez	
		US - 5,229,005	07/20/1993	Fok, et al.	
		US - 5,840,159	11/24/1998	Rosenblad	
		US - 5,997,737	12/07/1999	Sturdevant, et al.	
		US - 6,076,364	06/20/2000	Stripp	
		US - 6,185,940	02/13/2001	Prueitt	
		US - 6,348,148	02/19/2002	Bosley	
		US - 6,363,873	04/02/2002	Thomas	
		US - 6,375,842	04/23/2002	Graham	
		US - 2002/0060192	05/23/2002	Max	

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		CA 1050899	3/20/1979	Izard et al.		
		GB 1 233 005	6/14/1967	Kentfield		
		DE 19640460	4/9/1998	Altmann		✓
		EP 1 199 098 A1	4/24/2002	Bowler		
		WO 02/068338A2	9/06/2002	Liberman et al.		

Examiner  
Signature

Date  
Considered

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		Application Number	10/630,351		
		Filing Date	7/30/2003		
		First Named Inventor	Gordon, et al.		
		Art Unit	1723		
		Examiner Name	Not yet assigned		
Sheet	2	of	4	Attorney Docket Number	37861/277592

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		PACENTI, P., et al., "Deployment of a submarine reverse osmosis desalination prototype plant (RODSS): field tests and preliminary technical evaluations," CAS Section -161; CAS Subsection - 004, Vol. 138, No. 1-3, pp. 181, 2001 Elsevier Science B. V., (Abstract Only)	
		LAMPE, Harald, et al., "PCS - Preussag Conversion System. RTM. Mobile floating seawater desalination plant," CAS Section - 161; CAS Subsection - 004; Vol. 114, pp. 145-151, 1997 Elsevier Science B. V.	
		YANG, YANZHOU, "RO Plants in Marine Desalination for ships and Submarines," SHUICHULI JISHU, 1994, Vol. 20, Iss. 2, pp. 105-109, CAS Section-161; CAS Subsection -004.	✓
		GALLOWAY, M. et al. "UF for seawater RO pretreatment"; 2003, pp. 1-12, American Water Works Association Membrane Technology Conference.	
		REALI, M., et al., "Submarine and underground reserve osmosis schemes for energy-efficient seawater desalination," Desalination, 1997, pp. 269-275, Vol. 109, No. 3, ENEL SpA (DSR-CRIS), Milano, Spain.	
		PIZZINO, Joseph F., "Operation of a 2000 Gallon per day Reverse Osmosis Desalination System Aboard MONOB (YAG-610)", 1979, 28 pages, Citations from <i>Energy Science and Technology (DOE): EDB</i> .	

Examiner Signature		Date Considered	
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Include copy of this form with next communication to applicant.

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Sheet	3	of	4	Attorney Docket Number	37861/277592

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Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		HUMPHRIES, J. R. et al., "A floating desalination/co-generation system using the KLT-40 reactor and Canadian RO desalination technology"; 2000, pp. 41-52.	
		PANOV, Yu, "Equipment and materials for coupling interfaces of a nuclear reactor with desalination and heating plants based on floating NHPS;" Nuclear heat applications: Design aspects and operating experience, IAEA-TECDOC-1056, Vienna (1995-1998), pp. 249-262.	
		MITENKOV, F. M., et al., "Floating nuclear power – Desalination complex using a nuclear power plant of the KLT-40 type and the reverse osmosis process," 1997, pp. 255-268, IAEA, Vienna, Austria.	
		PANOV, Yu., et al., "Use of reaction plants of enhanced safety for sea water desalination, industrial and district heating"; Conference Advisory group meeting on non-electric application of nuclear energy, Jakarta, Indonesia, 1997, pp. 281-293 Citations from <i>Engineering Index; EIX</i> .	
		PACENTI, Paolo, et al., "Submarine seawater reverse osmosis desalination system"; Conference Proceedings of the 1999 European Conference on Desalination and the Environment, Las Palmas, Spain, 1999, p. 213-218.	
		PETERS, Thomas A., "Desalination of seawater and brackish water with reserve osmosis and the disc tube module DT"; Conference Proceedings of the 1999 WSTA Fourth Gulf Water Conference, Manama, Bahrain, October 10, 1999, p. 149-155.	

Examiner Signature		Date Considered	
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		COLUMBO, D., et al., "Energy-efficient submarine desalination plant," Conference Proceedings of the 1998 International Workshop on Desalination Technologies or Small and Medium Size Plants with Limited Environmental Impact" Rome, Italy, 1999, pp. 171-176.	
		VEGA, LUIS A., "Economics of ocean thermal energy conversion (OTEC)," IEEE Journal of Solid-State Circuits, 1992, pp. 152-181, Pacific Intl. Cntr. for High Technology Research, Honolulu, HI.	
		PIZZINO, Joseph F., et al., "Reverse osmosis for surface ship desalination. An overview, Naval Engineers Journal, May, 1991, pp. 126-135, David Taylor Research Center, Annapolis, MD.	
		VIGO, F., et al., "Suitability of reverse osmosis membranes for energy recovery by submarine osmotic power plants," Desalination, 1986, pp. 45-57, Vol. 60, No. 1, Inst. Ind. Chem. Univ. Genoa, Italy	
		ROSE, C. D., "Current Design and application of marine evaporators, " Marine Tech., Oct. 1983, Vol. 20, No. 4, pp. 348-355.	
		"Desalination Ship" Pamphlet prepared by Advanced Environmental Water Technologies, Inc.	
		PCT Search Report – mailed 07/09/2004	

Examiner Signature		Date Considered	
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